

#### **D) Amendments to the Specification**

Please replace the paragraph beginning at page 4 , line 18 , with the following written paragraph:

A first field-oxide ~~segment~~ stripe over a third part of the channel region; wherein a first part of the first gate segment at least partially overlaps the first field-oxide ~~segment~~ stripe.

Please replace the paragraph beginning at page 4 , line 23 , with the following written paragraph:

In accordance with one aspect of the present invention, wherein the first gate segment and the first field-oxide ~~segment~~ stripe are substantially collinear.

Please replace the paragraph beginning at page 5 , line 1 , with the following written paragraph:

In accordance with one aspect of the present invention, further comprises a plurality of islands formed over the bulk and being ~~enclosed~~ encircled by the first doped region.

Please replace the paragraph beginning at page 5 , line 11 , with the following written paragraph:

In accordance with one aspect of the present invention, further comprises a second gate segment formed over a second part of the channel region; and a first part of the second gate segment overlaps at least partially the field-oxide ~~segment~~ stripe.

Please replace the paragraph beginning at page 6 , line 11 , with the following written paragraph:

A field-oxide ~~segment~~ stripe formed over the non-split-channel region; and the first and the second gate segments form a stack-gate structure.

Please replace the paragraph beginning at page 6 , line 15 , with the following written paragraph:

In accordance with one aspect of the present invention, wherein the first gate segment,

the second gate segment and the field-oxide ~~segment~~ stripe are substantially parallel to each other.

Please replace the paragraph beginning at page 7 , line 3 , with the following written paragraph:

In accordance with one aspect of the present invention, further comprises a plurality of islands formed over the bulk and being ~~enelosed~~ encircled by the first doped region.

Please replace the paragraph beginning at page 7 , line 21 , with the following written paragraph:

A first and a second arrays of islands formed over the bulk and being ~~enelosed~~ encircled by the first doped region; wherein